

## **ANNEX 1**

### **ESF-1 - TRANSPORTATION SERVICES**

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**PRIMARY:** Department of Transportation

**SUPPORT:** Department of Commerce, Division of Public Railways; Department of Corrections; Department of Education, Office of Transportation; Department of Natural Resources, Law Enforcement Division; Department of Public Safety; Office of Regulatory Staff; SC Law Enforcement Division; Budget and Control Board, Division of Aeronautics, Division of General Services, State Fleet Management; South Carolina State Ports Authority; Forestry Commission; SC National Guard; Civil Air Patrol

#### **I. INTRODUCTION**

- A. A disaster or any emergency may severely damage State and local civil transportation infrastructure. Most State/local transportation activities will be hampered by damaged roads, bridges, and disrupted communications.
- B. ESF 1 will coordinate responses which require transportation assets during the immediate post-disaster period.
- C. The State's emergency responsibility will primarily include route assessment and the allocation and prioritization of state transportation assets to include processing all transportation requests from State agencies and local governments.
- D. ESF-1 must acquire and coordinate use of air, rail, and water transportation assets and provide transportation damage assessment information.

#### **II. PURPOSE**

Provide for transportation assets and infrastructure essential to support all phases of emergency management and provide public transportation to temporarily replace or augment services affected in a disaster area.

#### **III. CONCEPT OF OPERATIONS**

- A. The SC Department of Transportation (DOT) is the Lead Agency for ESF-1 and responsible for the coordination of all ESF-1 administrative, management, planning, training, preparedness, mitigation, response, and recovery activities to include developing, coordinating and maintaining the ESF-1 SOP.
- B. ESF-1 supporting agencies will assist DOT in the planning and execution of the above.
- C. ESF-1 personnel will train on the principles of the National Incident Management System (NIMS) and Incident Command, and integrate those principles into ESF-1 planning and response operations.

- D. Coordination with all supporting and other appropriate departments/agencies and organizations will be performed to ensure continual operational readiness.
- E. ESF-1 is responsible for the execution of all emergency transportation services necessary to support the emergency operations of state agencies.
- F. ESF-1, in coordination with the Federal government and the transportation industry, will provide necessary equipment, facilities and personnel in response to emergency requirements.
- G. ESF-1 will coordinate all intrastate transportation available for emergency management purposes with the following exceptions:
  - Transportation required for military and other Federal personnel or supplies.
  - Federally controlled or operated vessels, trains, vehicles or aircraft, bridges, and the intra-coastal waterway unless specifically made available.
  - Commercial or scheduled air carriers (interstate carriers).
  - Non-state ocean-going vessels.
- H. The process of furnishing transportation services during a disaster situation involves a series of actions.
  - 1. Identify essential immediate transportation needs and take actions to provide for these needs.
  - 2. Estimate future continuing needs for transportation service and expected future transportation capabilities.
  - 3. Make decisions and take actions to direct these expected future capabilities to meet the needs considered most essential.
  - 4. Priority will be given to:
    - Restoring transportation infrastructure (roads, routes, rail, and channels)
    - Supporting mobilization sites
    - Supporting distribution points
    - Supporting staging areas
    - Supporting post-impact evacuations
    - Supporting medical facilities.
- I. In coordination with and in support of the Counties, ESF-1 assesses the situation (both pre- and post-event), and, in coordination with local Emergency Management officials, develops strategies to respond to the emergency.

- J. ESF-1 personnel will be familiar with the National Response Framework (NRF) and the corresponding annex with Federal counterpart concepts, actions and responsibilities. This familiarization will include but not be limited to the structure, organization, functions and responsibilities of the Incident Management Assist Teams (IMATs), Interagency Incident Management Groups (IIMG) and the Joint Field Office (JFO).
- K. ESF-1 will coordinate with Federal ESF-1 to obtain Federal assistance as required and authorized.

#### **IV. ESF ACTIONS**

The emergency operations necessary for the performance of this function include but are not limited to:

##### **A. Preparedness**

- 1. Maintain current inventories of government transportation facilities, supplies, and equipment by mode.
- 2. Maintain current resource directories of all commercial and industrial transportation assets, facilities, and supplies within the State, to include maintaining points of contact, their geographic locations, territories, and operating areas.
- 3. Establish and maintain liaison with the Federal and border State transportation officials.
- 4. Plan for the support of all types of evacuation(s) to include:
  - closing swing and draw bridges to maritime traffic (only when sustained winds reach 25 MPH or greater or when mandatory evacuation is declared)
  - suspending state highway construction and maintenance
  - lane reversal on evacuation routes
  - Department of Public Safety/Highway Patrol traffic management plans and operations.
- 5. Estimate logistical requirements (e.g., personnel, supplies and equipment, facilities, and communications) during the planning process and through exercises. Develop appropriate transportation packages to support likely scenarios.
- 6. Identify and train Department of Transportation, Education, Corrections, and other supporting agency personnel, as required, to staff the State Emergency Response Team (SERT) in the SEOC.

7. Participate in State exercises and conduct, at least annually, an ESF-1 exercise to validate this Annex and supporting SOPs.
8. Develop and maintain electronic and paper maps of road closures (including potential closures), evacuation routes, and damaged bridges to display in the SEOC and on the DOT website.
9. ESF-1 personnel must train on the principles of the National Incident Management System (NIMS) and Incident Command, and integrate those principles into all ESF-2 planning and response operations.
10. Ensure procedures are in place to document costs for any potential reimbursement.
11. Support the Emergency Management Assistance Compact (EMAC) by ensuring ESF personnel are trained on EMAC responsibilities, by pre-identifying assets, needs and resources that may be allocated to support other States, and by maintaining related information in WebEOC.

**B. Response**

1. Identify transportation needs required to respond to the emergency.
2. Coordinate with ESF-19 (Military Support) for use of State military transportation assets.
3. Identify, obtain, prioritize and allocate available transportation resources.
4. Report the locations of damage to transportation infrastructure, degree of damage, and other available information to Situation Unit in SEOC.
5. Establish communications with the Federal Regional Emergency Transportation Coordinator (RETCO) to coordinate transportation required beyond the State's capability.
6. Assist local governments in determining the most viable, available transportation networks to, from, and within the disaster area, and regulate the use of such networks as appropriate.
7. Coordinate emergency information for public release through ESF- 15 (Public Information).
8. Plan for transportation support of mobilization sites, staging areas, and distribution points.
9. Coordinate and monitor use of SCDOT and SCDOE maintenance yards and State-owned / contracted bulk fuel transfer vehicles for post-impact fuel / re-fueling operations.

10. Assist as required with route planning information in support of pre-landfall, evacuation fueling / re-fueling operations.
11. Identify and provide a Liaison Officer for each EMAC request, to facilitate arrival and onward movement of EMAC support at appropriate EMAC Mobilization Units and Staging Areas.
12. Coordinate with State and local authorities to provide signage and notification systems to support EMAC and Regional Staging Area operations.
13. Coordinate with State and local authorities to provide signage and notification systems to support Donated Goods deliveries and traffic control.

**C. Recovery**

1. Coordinate transportation assistance to State and local governments as well as voluntary organizations requiring transportation support.
2. Coordinate the repair and restoration of transportation infrastructure with the assistance of ESF-3 (Public Works and Engineering) , to include coordinating with the US Department of Transportation (USDOT) on the repair and replacement of roads and bridges on the Federal Aid System.
3. Evaluate and task the transportation support requests for impacted areas.
4. Anticipate, plan for, and ready the necessary notification systems to support damage assessment teams, and establishment of staging areas, distribution sites, a Joint Field Office (JFO). Disaster Recovery Center (DRC), Joint Information Center (JIC), and other local, State, and Federal recovery facilities in the impacted area.
5. Anticipate, plan for, and ready the necessary notification systems to support the deployment of State and mutual aid teams, and other State and/or Federal emergency work teams and activities in the impacted area.
6. Anticipate and plan for arrival of and coordination with FEMA ESF-1 personnel in the SEOC and the Joint Field Office (JFO).
7. Ensure ESF-1 team members or their agencies maintain appropriate records of costs incurred during the event.
8. Anticipate, evaluate, and respond to all requests for temporary infrastructure restrictions, including flight restrictions according to established procedures.

9. Support long-term recovery priorities as identified by the Long-Term Recovery Committee and Recovery Task Force and provide ESF-1 representation on the Recovery Task Force.

**D. Mitigation**

1. Support and plan for mitigation measures including monitoring and updating mitigation actions in the State Hazard Mitigation Plan.
2. Review, evaluate and comment on proposed State Hazard Mitigation Plan amendments, upon initiation and within review period.
3. Support requests and directives from the Governor and/or FEMA concerning mitigation and/or re-development activities.
4. Document matters that may be needed for inclusion in agency or state/federal briefings, situation reports and action plans.

**V. RESPONSIBILITIES**

- A. General: ESF-1 primary and support agencies must maintain inventories and procedures to obtain the following transportation assets:
1. Buses of various types and sizes, with drivers, including non-emergency patient transportation carriers, special needs transport to be used for evacuations, and other transportation missions.
  2. Passenger and utility vans of various types and sizes, with and without drivers, including non-emergency patient transportation carriers (including patient relocation with alternative accessible transportation), to be used for evacuation and other transportation missions.
  3. Trucks and/or trailers of various types, sizes, and combinations with drivers/operators to be used for various transportation missions.
  4. Aircraft, aircrews, and ground and operations personnel and communications for transportation of emergency officials, personnel, light-load cargo, and for various aerial surveillance and reconnaissance flights.
  5. Boats of various types and sizes, powered and non-powered, for various transportation missions.
  6. Cars of various sizes to be used for various transportation missions.
  7. Vehicle repair facilities, equipment and personnel to be used for repairs to various types of emergency vehicles.
  8. Fleet parking and storage areas to be used for the staging, parking, and storage of various types of emergency vehicles.

9. Motor pool and vehicle service facilities and personnel to be used for refueling and servicing various types of emergency vehicles.
10. Parking and storage areas to be used for staging, categorizing, storing and distributing resources in coordination with ESF-7 throughout the state.
11. Material handling equipment, including forklifts.
12. Locomotives, rail lines, and hi-rail cars.

**B. Department of Transportation**

1. Identify, train, and assign DOT personnel to staff ESF-1 in the SEOC.
2. Notify all ESF-1 supporting agencies upon activation.
3. Monitor status of all road networks and provide continuous updates to SEOC.
4. Assist SCEMD and DPS with the development of evacuation routes to include physical identification of routes.
5. Provide required barrier material, signage, and manpower to support evacuation operations.
6. Conduct route reconnaissance to ensure structural integrity of road network; suspend and clear all construction along evacuation routes.
7. Maintain list of swing and draw bridges requiring closure to maritime traffic and coordinate with SCDNR and US Coast Guard regarding closure to maritime traffic during emergency situations.
8. Provide SEOC and SEOC-deployed teams with maps for all modes of transportation.
9. For all SEOC activations involving evacuation/re-entry activities, provide technical assistance, and operational guidance through the presence of a Senior Traffic Engineer and/or a Senior Maintenance Engineer.
10. Coordinate and monitor use of SCDOT maintenance yards and contracted bulk fuel transfer vehicles for post-impact fuel / re-fueling operations.
11. Assist as required with route planning information in support of pre-landfall, evacuation fueling / re-fueling operations.
12. Provide personnel to assist with preliminary damage assessment as required.

- C. Department of Commerce, Division of Public Railways
  - 1. Identify, train, and assign personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
  - 2. On order, staff ESF-1 in the SEOC.
- D. Department of Corrections
  - 1. Identify, train, and assign Department of Corrections personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
  - 2. On order, staff ESF-1 in the SEOC.
  - 3. Provide transportation to State and local inmates to alternate correctional facilities.
  - 4. Provide personnel and equipment for debris clearance.
- E. Department of Education, Office of Transportation
  - 1. Identify, train, and assign DOE personnel to staff ESF-1 in the SEOC.
  - 2. Coordinate and monitor use of SCDOE maintenance yards and state-owned/contracted bulk fuel transfer vehicles for post-impact fuel/re-fueling operations.
- F. Department of Natural Resources (Law Enforcement Division)
  - 1. Identify, train, and assign personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
  - 2. On order, staff ESF-1 in the SEOC.
  - 3. Report maritime traffic conditions and waterway status to ESF-1 on a continuous basis.
  - 4. Provide aircraft and personnel as coordinated to support air operations.
- G. Department of Public Safety
  - 1. Identify, train, and assign DPS personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
  - 2. On order, staff ESF-1 in the SEOC.
  - 3. Assist with transportation route reconnaissance.



**H. Office of Regulatory Staff**

1. Identify, train, and assign ORS personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
2. On order, staff ESF-1 in the SEOC.
3. Identify and maintain railroad transportation systems data and points of contact.
4. Monitor status of rail and pipeline infrastructure during emergencies and provide updates to SEOC.

**I. SC Law Enforcement Division**

1. Identify, train, and assign SLED personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
2. On order, staff ESF-1 in the SEOC.
3. Provide aircraft and personnel as coordinated to support air operations.

**J. Budget and Control Board****1. Division of Aeronautics**

- a. Identify, train, and assign Division of Aeronautics personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
- b. On order, staff ESF-1 in the SEOC.
- c. Maintain database of all State-owned civil aviation assets.
- d. Identify, maintain lists, monitor status and provide the SEOC information on public and private airports, heliports, temporary heliports and landing zones, and hospital heliports data including:
  - Location
  - Elevation
  - Navigation and communications aids
  - Runways
  - Maximum aircraft size and weight
  - Aviation fuel availability
  - Owner-operator points of contact.

- e. Evaluate and coordinate requests for temporary flight restrictions, including low-level flights, with the Federal Aviation Agency.
- f. Assess airport damage, report to the SEOC, and assist in restoration of airports.
- g. Provide aircraft and personnel as coordinated to support air operations.

2. Division of General Services, State Fleet Management

- a. Identify, train, and assign B&CB personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
- b. On order, staff ESF-1 in the SEOC.
- c. Provide database of all State-owned vehicles.

K. South Carolina State Ports Authority

- 1. Identify, train and assign SC State Ports Authority personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
- 2. On order, staff ESF-1 in the SEOC.
- 3. Identify and maintain seaport data such as:
  - Location, navigation and communications aids
  - Docking and cargo capability
  - Owner-operator points of contact.
- 4. Monitor status of seaport infrastructure during emergencies and provide updates to SEOC.

L. Forestry Commission

Provide available support as listed in V.A.4 (to include aircraft) as coordinated to support air operations.

M. SC National Guard (Army and Air National Guard)

- 1. Provide available support as listed in paragraph V.A.4 (to include aircraft) as coordinated to support air operations.
- 2. Provide re-fuel capability (Jet-A) at Areas of Operations (AO), for refueling rotary wing assets.

N. Civil Air Patrol

1. Identify, train and assign Civil Air Patrol personnel to maintain contact with and prepare to execute missions in support of ESF-1 during periods of activation.
2. On order, provide staff assistance to ESF-1
3. Provide air and ground assets and support and operations personnel for light transport, communications and reconnaissance needs.
4. Provide aerial assets and operations personnel to support air operations.

**VI. FEDERAL ASSISTANCE**

- A. This annex is supported by the National Response Framework for ESF-1 (Transportation).
- B. Federal ESF-1 provides support to the Department of Homeland Security (DHS) by assisting Federal, State, tribal and local governmental entities, voluntary organizations, nongovernmental organizations, and the private sector in the management of transportation systems and infrastructure during domestic threats or in response to incidents.
- C. Federal ESF-1 also participates in prevention, preparedness, response, recovery, and mitigation activities.
- D. Federal ESF-1 carries out the Department of Transportation's (DOT) statutory responsibilities, including regulation of transportation, management of the Nation's airspace, and ensuring the safety and security of the national transportation system.
- E. The NRF provides transportation assistance to states and local governments during and following an incident of national significance
- F. Federal transportation assistance provided by Federal ESF-1 includes but is not limited to:
  1. Processing and overall coordination of requests for federal and civil transportation support.
  2. Assessing damage to the transportation infrastructure, analyzing the effects of the disaster on the regional and national transportation system, and developing appropriate responses.
  3. Coordinating alternate transportation services, such as mass transit systems, to temporarily replace system capacity lost to disaster damage.
  4. Coordinating the recovery and restoration of the transportation infrastructure.

5. Performing activities conducted under the direct authority of Department of Transportation elements such as air, maritime, surface, rail, and pipelines.
  6. Coordinating and supporting preparedness/prevention/response/recovery/mitigation activities among transportation stakeholders at the State and local levels.
  7. Supporting ESF-8, Public Health and Medical Services Annex, for casualty/patient and evacuee movement.
  8. Coordinating issuance of regulatory waivers and exemptions.
- G. The DOT Regional Emergency Transportation Coordinator (RETCO) provides direction of the Federal ESF-1 mission in the disaster area. The RETCO will activate those elements of the Regional ESF-1 response organization required to meet the demands of the disaster, including ESF representatives to the Regional Response Coordination Centers (RRCC), the Incident Management Assist Teams (IMAT), and Staff and field Mobility Control Center (MCC).